

II. CLAIM AMENDMENTS

1. (Currently Amended) Cover for sealing a container comprising:

at least one bottom layer and at least one top layer arranged over said bottom layer;

the bottom and ~~second~~top layer each comprising a structure to form a recloseable aperture of the cover and allowing ~~to access~~ through the layers into the container; and

a movable layer arranged between the at least one bottom layer and the at least one top layer for closing an aperture in the bottom and top layer.

2. (Original) Cover of claim 1, wherein at least one of the said bottom layer and top layer comprises at least one of: a recloseable aperture, a flap, and a butterfly valve.

3. (Original) Cover of claim 2, wherein said flap or said butterfly valve is formed by a U-shaped cut in the layer.

4. (Original) Cover of claim 3, wherein a bending fold axis of said flap or butterfly valve of the at least one bottom layer is not arranged over a bending fold axis of said flap or butterfly valve of the at least one top layer.

5. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, wherein at least one of the at least one bottom and the at least one top layer comprises a cross-shaped cut thereby forming a butterfly valve.

6. (Original) Cover of claim 5, wherein the cross-shaped cut of the at least one top layer is arranged with an offset of approximately 45° to the cross-shaped cut of the at least one bottom layer.

7. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, wherein at least the top layer comprises a diaphragm-like recloseable aperture.

8. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, wherein the bottom and top layer are glued together by polymerization.

9. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, wherein the bottom layer is laminated at least partly onto the top layer.

10. (Cancelled)

11. (Currently Amended) Cover of claim 10 ~~or any one of the above claims~~ claim 1, wherein said ~~third~~ movable layer is structured to form a sliding valve.

12. (Currently Amended) Cover of claim 10 ~~or any one of the above claims~~ claim 1, wherein the ~~third~~ movable layer comprises means for moving the ~~third~~ movable layer for closing the aperture of the cover.

13. (Currently Amended) Cover of claim 10 ~~or any one of the above claims~~ claim 1, wherein the cover comprises a seal arranged at least between the ~~third~~ movable layer and the at least one bottom layer in the area of the recloseable aperture.

14. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, wherein the seal comprises at least one of the following materials: Teflon or one of its co-polymers a Teflon co-polymer, Silicone, PTFE.

15. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, wherein the recloseable aperture is ring-shaped, elliptical or approximately rectangular.

16. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, wherein at least one layer comprises polyimide or polyimide or polyester or liquid crystal polymer.

17. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, wherein the top layer comprises an electrically conductive coating layer.

18. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, wherein the top layer comprises a metal coating layer.

19. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, wherein the cover thickness is smaller than 400 um.

20. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, wherein the recloseable aperture of the cover comprises an area smaller than 60 mm².

21. (Currently Amended) Cover of claim 1 ~~or any one of the above claims~~, comprising a plurality of recloseable apertures for sealing a well plate, said well plate comprising a plurality of containers for a liquid.

22. (Original) Cover of claim 21, wherein the cover is glued onto the well plate.

23. (Currently Amended) Cover of claim 21 ~~or any one of the above claims~~, wherein the cover is welded onto the well plate.

24. (Currently Amended) Cover of claim 21 ~~or any one of the above claims~~, wherein the bottom layer of the cover is airtight connected to the well plate material around a container of the well plate.

25. (Currently Amended) Method of retrieving or filling a liquid in a well plate having a plurality of containers for liquids, the method comprising ~~the steps of~~:

providing the well plate with a cover arranged on top of the well plate, said cover comprising ~~a plurality of recloseable apertures sealing the containers~~ at least one bottom layer and at least one top layer arranged over said bottom layer, the bottom and top layer each comprising a structure to form a plurality of recloseable apertures sealing the containers and allowing access through the layers into the containers, and a movable layer arranged between the at least one bottom layer and the at least one top layer for closing the apertures in the bottom and top layer;

opening the recloseable aperture of at least one container of the well plate;

retrieving or filling the liquid from the opened container or into the opened container;

closing the opened aperture after retrieval ~~of~~ or filling.

26. (Currently Amended) Cover for sealing a container, comprising:

at least two layers arranged over each other for sealing the container and being structured to form a recloseable aperture of the cover, wherein each layer comprises a structure allowing to access, when the structures overlap, through the layers into the container; and

a movable layer arranged between the at least two layers for closing the aperture of the cover.